

## ABSTRACT

In order in the case of an electric motor, in particular a brushless electric motor, comprising a rotor, a stator, a motor housing receiving the rotor and the stator, a first bearing, disposed on the motor housing, and a second bearing, disposed opposite the first bearing, to allow the bearings to be positioned with the necessary precision when the rotor is being fitted into the motor housing, it is proposed that the motor housing comprises a housing body, which receives the stator, and a flange body, which receives the second bearing and can be mounted on the housing body, and that the flange body, when it is in an axial end position in relation to the rotor axis, is guided on the housing body against a movement transversely to the rotor axis and is fixed in relation to the housing body against a movement in the direction of the rotor axis by means of first positively connecting features, provided on the flange body, and second positively connecting features, provided on the housing body, which features can be brought into operative connection with one another by a relative movement of the flange body and housing body.